

## Y6 Peace Mathematics

### Homework and reminders

#### 2012/12/20

This is the last Maths lesson we have before the end of 2012.

I wish you all a Happy Christmas and a very wonderful year of 2013.

1. Finish H&H MYP1 (Ex 14C, 14D, 14E, 14F, and 14G) half of each question only.

2. Make sure you check the Mathletics tasks twice a week and on 3th January, 2013 and make sure you have all tasks done before you start your first lesson of 2013.

#### 2012/12/19

1. Study H&H p.261 and 262 (Activity 1 and 2) answer question 3 and 4 for p.262 (write the answer in your Maths Journal).

#### 2012/12/18

1. Finish H&H Ch14B (Q1-8 half for each question only) and Q8 and 9

#### 2012/12/14

1. Refer to the following 4 references, finish a report for the M&M's activity (Due on next Tuesday)

Activity for M.docx

a. Activity instructions:

b. Website of Josh: <http://joshmadison.com/2007/12/02/mms-color-distribution-analysis/>

c. M&M's website: <http://www.m-ms.com/us/>

d. The result:

<https://docs.google.com/spreadsheet/ccc?key=0AqYankYJaJ86dGpKcnh1SmJiV1VUYVFHbzAtS0FDc1E>

Finish and hand in a report for the M&M activity by Tuesday. (In A4 paper: Analysis and make conclusion, you can also write reflection for this activity). You can choose to type or use excel to check your calculations.

2. Bring in some more real-life examples of % (by Tuesday)

3. Assessment 5: correction and parent signature.

#### 2012/12/13

1. Finish calculation of the % for classwork e.g1, e.g2 and e.g3 in your Maths Journal.

2. You might like to refer to the attached instruction and the following web site for today's M&M's activity.

Activity for M.docx

<http://joshmadison.com/2007/12/02/mms-color-distribution-analysis/>

(I will share with you a google doc, you can check if the entry is correct for you. Once we got all 5 classes results, you can analysis and make conclusion, you can also write reflection for this activity then)

3. Bring in some real-life examples of % (if possible tomorrow, or else not latter than Tuesday)

#### 2012/12/12 (cover lesson)

1. Worksheet on Christmas coordinates: finish and decorate it (The worksheets are in the 6 Peace white Tray near the windows and sink).

2. Plotting coordinates: (get one small slip to paste on your Maths Journal, then plot the points, join them and color it)

3. Mathletics task:

Coordinates - Test

Percentages - Are You Ready?

Percentages - Test

If you didn't finish any of the above tasks in class, finish it as Homework.

#### 2012/12/11

We just finished all assessments for 1st term, make sure you have at least 1 complete Maths work and reflection in your e-portfolio.

I will check it any time from Friday onward.

#### 2012/11/30

1. Finish the River boat and Chirstmas coordinates worksheet (draw on the graph paper provided and coloured it), the beautiful ones will be used to decorate the classroom - due on 11 December

2. All Maths binder and Journals should have gone home, organize and complete any missing works, use them for revision.

Reminder for summative assessment: You are not allowed to borrow anything or share stationery with others, make sure you bring pencils, eraser, blue, black, green pens / color pencils, ruler (30cm), etc.

#### **2012/11/29**

1. Make sure you have do corrections for your assessment practice we've gone through today and download the suggested answer from the assessment wiki compare and contract with yours.
2. Finish the "position" booklet (level 1)
3. If you haven't finish fixing your Maths journal, make sure you fix it tonight, otherwise, you might get an unsatisfactory effort for your 1st term report.

#### **2012/11/27**

Finish the practice for assessment 5  
Check assessment wiki for assessment 5 and assessment 6 notification  
Organize your binder and bring back on 10 December, and write reflection on 11 December in class.

#### **2012/11/21**

The whole class have finished all center 4-7, it means all of you should have finished the following tasks (check the answers and do corrections) already:

Ex 20A, Ex 20B, Ex 20C.1, Ex20C.2 and Ex 20D

1. Check all the work you've done in your Maths Journal (check all answer and do corrections), refer to the Homework reminder from 28 Aug to 18 October above and the reminders in this page.  
I will collect all Maths Journal next Tuesday and that will affect the effort I will give you in your T1 final report card.
2. Tidy your Binder
3. Finish all Mathletics tasks I've set last week.
4. Return Assessment 4 paper with corrections, reflections and parent's signature next Tuesday.

#### **2012/11/20**

Finish the Exercise for the center you have done today (2 centre for each student today and most of you have finished in class already)

Centre 4: What are equations? (Ex 20A)

Centre 5: Solving simple equations by inspection and trial and error (Ex 20B)

Centre 6: Solving simple equations by maintaining balance (Ex 20C.1 and Ex20C.2)

Centre 7: Solving simple equations by inverse operation (Ex 20D)

#### **2012/11/20**

Finish the Exercise for the center you have done today (1 centre for each student only)

Centre 4: What are equations? (Ex 20A)

Centre 5: Solving simple equations by inspection and trial and error (Ex 20B)

Centre 6: Solving simple equations by maintaining balance (Ex 20C.1 and Ex20C.2)

Centre 7: Solving simple equations by inverse operation (Ex 20D)

#### **2012/11/16**

1. Finish your Review Set 18A and 18B if you didn't finish in class today (show clear steps in your Maths journal), check your own answer and do corrections.
2. Finish your Mathletics set tasks (check on Tuesday)

#### **2012/11/15**

Do H&H Ch 18 Review set 18A (show steps in your Maths journal)

#### **2012/11/14**

1. Make sure all your growing pattern worksheet are checked and corrected with detail steps in the table.

growing pattern\_ans.pdf

2. Mathletics task on Algebra (pattern and function)

#### **2012/11/13**

1. Finish either Hexagon Dragon (level 4) or Growing Fir Trees (level 5)
2. Mathletics task on Algebra (pattern and function)

#### **2012/11/9**

Finish the pattern and function worksheet (level 3 and/or level 4)  
Make sure you finish all mathletics task by Tuesday 9:00pm

**2012/11/8**

Finish all Mathletics set tasks (especially: algebra "are you ready" and "test")

**2012/11/6**

Revise and get ready for your assessment 4 (tomorrow)

Check notification, make sure you have finish the set task for the whole unit, check answer, do correction and understand the concepts. (Especially, your own presentation and real life questions and the listing and assessment 4 practice worksheets)

**2012/11/2**

1. Check answer for worksheet and make sure you are ready for Monday and Tuesday's Assessment.



[Problem Solving\\_listing\\_ans.pdf](#)

Tuesday Section A: Criteria B

Wednesday: Section B: Criteria D

2. Try some more criteria B type questions and check answer.

Criteria B practice.pdf

Criteria B practice\_ans.pdf

3. Finish Mathletics set tasks about Problem solving

**2012/11/1**

\* Email your soft copy of the presentation and hand in your hard copy (booklet / poster) by tomorrow if you did not do so.

1. Finish the problems in "listing / table" strategies worksheet.

2. Solve any 1-2 questions of 10D (show your steps in the Maths journal)

3. Do Mathletics set task of Unit 4 (due Friday)

\*get your own problems ready to challenge your classmates.

\*You can download the notes for "Trail and Error" and "Drawing" strategies from the Y6\_Common page.

4. Return your assessment 3: corrections, reflection with parents signature tomorrow.

Special announcement: ASSESSMENT RE-WRITE: If you received 4 or below for Criterion A in the last assessment (Fractions) and you are unhappy with your mark, you have the opportunity to do another assessment. This will not change your mark, but you will be able to feel some success by correcting your previous errors. We suggest that you go to the maths help sessions next week to ask for help to improve your understanding. There will be a new assessment on Friday next week (9th Nov) in Lunch Recess time in room 915. Please let your teacher know by next Tuesday if you would like to re-write.

**2012/10/31**

1. Practice your presentation and present to the whole class tomorrow. Email the soft copy and hand a hard copy tomorrow.

2. in your maths journal show clear steps and do the following:

Making a list (10B: solve any 1-2 questions)

Modeling or drawing a picture (10C: solve any 1-2 questions)

3. Do set Mathematics for problem solving unit (Due on Friday)

**2012/10/30**

1. Mathletics (new course)

2. Trial and error (10A: solve any 3 questions, show clear steps in your Maths Journal)

3. Assessment 3

i. do correction in lined paper show clear steps

ii. write reflection about what have you learn and how will you improve,

iii. ask parent to sign and return (assessment paper with correction, reflection and parent signature) on or before Friday.

**4. Some of you didn't follow the instructions to prepare your presentation, you will have a lot to catch up tonight and get ready for your presentation tomorrow.**

1. Either Email your strategy presentation / movie to me before 11:00pm tonight if it is a soft copy, you also need to print it and hand in tomorrow (unless it is a movie)

OR hand in your hard copy (booklet / poster) tomorrow.

\*Download and check the attached self and peer assessment to prepare your presentation. (I have printed it for your

peer and self\_assessment.pdf

already, you don't need to print it).

2012/10/18

1. Assessment 4 notification have been given to student today.

The date of the assessment 4 have been push back to 5 November - 7 November (any two lessons)

Instructions for the beforehand preparation of Assessment 4

Do the beforehand preparation for Assessment 4 within the mid-term break and you will be given one lesson to tidy up your information and presentation after the mid term break.

Your aim is to become an expert of at least 2 different problem-solving strategies (must include "Making a table and finding a pattern" and one of the strategies mentioned in H&H Ch10).

You need to prepare a presentation to share your findings of those strategies with your class after the break.

Read through Ch10 of H&H is a good start (you don't need to solve all the problems, but find out what types of questions will match which type of strategies).

You findings should include:

i. What is the problem solving strategy? (the name and the meaning)

ii. When do we normally use this strategy? (what type of problem?)

iii, How does it work? (use examples to demonstrate the method.)

iv. Why do we use this strategy and not the others?

Your work can be presented in any form, (poster, notes on A4 paper, PowerPoint, Movie...)

v. Create a real-life problem that needs to use the strategies that you have chosen (research) to solve:

[Type the question in page 1 of a A4 paper and demonstrate your full solution on p.2], you can choose to use ibook author to do this.

2012/10/15

1. Finish the Mathletics set tasks as revision for tomorrow's assessment.

2012/10/12

1. Finish the review quiz, check the answer and do correction.



Revision on decimal and fraction\_ans.pdf

For criteria A:

If you can do all Level 1 questions correctly, you might be able to get a 1-2

If you can do all Level 1 and 2 questions correctly, you might be able to get a 3-4

If you can do all Level 1, 2 and 3 questions correctly, you might be able to get a 5-6

You need to use your problem solving, thinking and transfer skills to answer challenging unfamiliar questions to achieve a 7-8.

For criteria C:

You must show clear and logical steps, including correct unit and sentence/ explanation.

2. Revise H&H Ch 6, 8, 9, 11 for assessment 3 (16 Oct)

2012/10/11

1. Finish "fraction-four operations: diagnostic test" and do correction by showing clear steps.

2. Finish the Mathletics decimals / fractions task, check it daily, since if you did not get good points, I will set it for you again.  
(due Friday)

2012/10/10

1. Do Review Set 8B, you should go through the example first, show working in your Maths journal and check answer.  
2. Finish the Mathletics decimals / fractions task, check it daily, since if you did not get good points, I will set it for you again.  
(due Friday)

2012/10/9

1. Do Review Set 6A, show working in your Maths journal and check answer.  
2. Finish the 2 Mathletics fraction task (Are you ready and Test) - Due tomorrow  
3. Check Y6 Assessment wiki, download and print the notification for assessment 3 for the detailed of assessment you will have next Tuesday (16/10)  
4. Finish any other Mathletics tasks which have been set for you (normally tasks <85), check daily - Due Friday

2012/9/28

1. Ask your parent to sign the assessment 2 paper on the front page  
2. Finish H&H Review Set 9B, 11A and 11B (show working in Maths Journal) - Due on 8 October.  
3. Supplementary WS (Decimals and fractions)  
3. Keep doing some Mathletics tasks everyday, but the game will not end till Sunday mid-night. Then will start a new round every Monday.

2012/9/27

1. Ask your parent to sign the assessment 1 paper on the front page  
and write a reflection about this assessment and unit 1 (Decimals), in the following areas: (Hand in on Friday)  
a. When you received the assessment are you surprise with the grade you are getting? Why and Why not?  
b. Are you happy with what you've got? Why and Why not?  
c. What have you learned and how do you learn in this unit?  
d. Do you like the level group learning arrangement?  
e. What is your goal for the next unit and how can you achieve it?

2012/9/24

1. Finish supplement ex 4 (Division of Decimal)  
Group A at least 4 questions  
Group B at least 6 questions  
Group C all 7 questions  
2. Assessment 2:  
Will be checked and marked on Friday  
3. Your Mathletics tasks are due tonight (9:00pm)

2012/9/21

Do Mathletics tasks (Due on Tuesday)  
Organize your Maths binder, put the mark sheet (Assessment 2) as the first page of your binder.

2012/9/20

Assessment today, no homework.

2012/9/19

The following students still haven't brought in a restaurant menu with decimal for tomorrow's assessment, please make sure you print out and bring in tomorrow for your assessment:  
Stephanie Fok, Edmond Lai, Joshua Lau, Kruger Lee, Neil Ng, Alicia Yan, Yang Yang, Cisy Ye, Jason Yeung

Group A (multiplying and dividing decimals):

1. Finish the Mathletics worksheet (p. 37-40), check answer and do corrections



G4 p.37-40\_Keyb.pdf

2. Do supplementary Exercise 1 (4 questions only) (show steps in your Maths Journal).

Group B (multiplying and dividing decimals):

1. Finish the Mathletics worksheet (p. 41-43), check answer and do corrections



G4 p.41-44\_Key.pdf

2. Finish division of decimals - Exercise 1 (6 questions only) in your Maths Journal (with proper steps)

Group C (multiplying and dividing decimals)

1. Finish the Mathletics worksheet (p. 41-44), check answer and do corrections



G4 p.41-44\_Key.pdf

2. Finish division of decimals - Exercise 1 (all questions) (with proper steps)

2012/9/18

All Students: Remember the menu you bring in is for a decimal assessment, it must have decimal value. Try to download some from the Internet, if it is in other country's currency, its fine. You just need to also research the rate, or transfer to HK dollars for your final answer. All students must bring in one tomorrow. Otherwise you will have nothing to use on your assessment day.

Group A (Addition and subtraction of decimals):

1. Finish the Mathletics worksheet (p.33-36), check answer and do corrections



G2 p.33-36\_Key.pdf

Group B (multiplying and dividing decimals):

1. Finish the Mathletics worksheet (p. 37-40), check answer and do corrections



G4 p.37-40\_Key.pdf

Group C (multiplying and dividing decimals)

1. Finish the Mathletics worksheet (p. 37-40)

and H&H Ch11D (8, 10, 12), show steps in your maths journal.

check answer and do corrections

2012/9/14

Today we started the level group learning, you only need to finish your own group's work

Group A (Decimal fractions):

1. Finish the Mathletics worksheet (p.12-15), check answer and do corrections



G2 p.12-15\_Key.pdf

Group B (Addition and subtraction of fractions):

1. Finish the Mathletics worksheet (p.33-36), check answer and do corrections



G2 p.33-36\_Key.pdf

Group C (Addition and subtraction of fractions)

1. Finish the H&H Ch11 A (Only 2 parts from each of Q1-Q7 and Q9, 11, 13. 15), check answer and do corrections

All Students: Remember to bring in your menus for assessment on or before Tuesday.

2012/9/13

1. H&H 9F (1-6 a and b only)

2. Read the examples and do H&H 11C (1-6 a and b only)

3. Download, print and study the assessment notification 1 from assessment wiki and bring in the menus and information to school on or before next Tuesday.

2012/9/12

1. Corrections of Maths Journal: especially party budget and the column form of multiplication of decimals. You are suppose to check your own answer for Ex 9A - 9C.
2. Try 9D and 9E each question two parts only
3. 5 Mathletics task (due on Friday)

2012/9/11

1. self-study 9B and 9C. You don't need to do all questions, we will discuss tomorrow.

2012/9/7

1. Pre-assessment paper: do correction (try your best) and ask your parent to sign next to the score and hand back on Monday.
2. Do H&H p.167-169 Ex 9A ( 1-11). Do at least 2 part for each questions (e.g 1a, 1d, 2a, 2c...). Show working in your Maths Journal and paste Q3 answer sheet in your Journal, Do all question for Q3 only.

2012/9/6

1. Finish your class party budget (do in Maths Journal, and use the format shown in class) - Due tomorrow
2. Write a summary and reflection of what you have learn from today's activity (How to represent a decimal using...?)

2012/9/5

1. Continue with your class party budget (do in Maths Journal, and use the format shown in class), we will spend a little bit time tomorrow if you have questions about this task. (Due on Friday)

2012/9/4

1. Organized your Maths binder, with cover page, yearly overview, assessment schedule, MYP criteria under the first divider, and your Mental Maths under the last divider. You need 10 dividers.
  2. Bring in more real life decimals tomorrow.
  3. Research the real price of things you want to buy for your class budget (go the supermarket, copy it or download catalogue, find from news paper advertisement...)
  5. If you have pocket money, keep an entry of 1 week's income and expenses, you might use Excel to do it.
- Attached is a suggested format



pocket money budget\_template.xlsx

2012/8/31

1. Check the weekly plan in the Y6 Mathematics\_common page and collect some everyday real-life examples of decimals (from magazine, newspaper, catalogue, web-sites, take photo around our living area or any where in Hong Kong...)
1. Maths Binder cover pages and dividers due on Monday.

2012/8/30

1. Finish H&H p.44-45 (Review set 2A: Q1-16). Check the answer yourself and do the corrections in Maths Journal.
- \*Maths Binder cover pages and dividers due tomorrow.  
\*pre-assessment on tomorrow.

2012/8/29

1. H&H p.26 "opening problem", do in Maths Journal

2012/8/28

1. Read the Yearly overview, Assessment Schedule and MYP Criteria with your parents.
  2. Math binder (Due on Friday):
    - i. create a cover page (name, class, subject, 2012-2013 and colorful decoration)
    - ii. prepare 5-10 dividers
- \*Be prepared for your lesson mean bring the followings:
- a. Stationery: a pencil case with pencils, erasers, ruler, blue or black and green pens, glue and scissors.
  - b. Mac book (with the H&H CD in the desktop)
  - c. Maths Journal
  - d. Homework assignment done (on the due day)
- \*Pre-assessment on 31 August, check "Assessment Wiki"-click the link on the left column.